

California Regional Water Quality Control Board-Los Angeles Region
Contracts and Grants Program

Project Summary: 03-258-554

Project Number:	03-258-554	Project Status:	Active	Grant Manager:	RN Veiga
Project Name:	Modifying Agricultural Pesticide Practices to Reduce Loading, Calleguas Creek Watershed		Project on Schedule:	Yes	

Project Details

Watershed:	Calleguas Creek Watershed	Project Description:	Modifying management practices will be done by 1) developing a baseline data on current agricultural discharges; 2) implementing management practices aimed at pesticides of concern in crop acreages that span different crop types and geographic locations; 3) retesting discharges to measure effectiveness and offer proof that discharges can be reduced; and 4) marketing the results through education and farm organizations' peer advising to reach the widest audience and provide leadership for BMP implementation within the agricultural community in general.
Problem Statement:	The waters of the Calleguas Creek watershed have been documented to be impaired by a number of agricultural pesticides. Various Best Management Practices (BMPs) exist for pesticide use, but they are rarely implemented on a scale that creates meaningful benefit to the watershed.	Outcomes:	The purpose of this project is to change the habits of a large segment of the agricultural community by demonstrating that modifying management practices can significantly reduce the discharge of pesticides into surface waters from overland runoff, thus reducing impairments in Calleguas Creek.

Contract

Execution Date:	12/15/03	End Date:	3/31/06
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Contractor

Contractor Type:		Project Director	Project Assistant
Contractor Name:	United Water Conservation District	Name:	Dr. Steven Bachman
Contractor Department:		Phone Number:	(805) 525-4431
Street Address:	106 N. 8th Street	Phone Extension:	
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Funding and Invoices

Funding Source: PRISM

Project Amount: \$288,282

Match Amount: \$68,317

Fund Summary

	Award	Match
Allocation	\$288,282.00	\$68,317.00
Used	\$120,368.64	\$43,624.12
Balance	\$167,913.36	\$24,692.88

Deliverables

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Line Item	Description	Date		Task Completed
		Due	Receive	
2.1	QAPP	2/1/04	3/5/04	Yes
1.1	Subcontractor solicitation and awards/Subcontractor documentation	4/2/04		
1.2	CEQA Notice and Exemption	4/21/04		
2.2	PAEP	10/18/04	10/14/04	Yes
3.1.1	Survey Farmers/Crop Representatives	10/18/04		
3.1.2	Expansion of survey to 6 growers of each major crop	10/18/04		
3.1.3	Consult with professional/government agencies	10/18/04		
3.1.4	Develop list of pesticide management practices	11/18/04		
3.1.5	Submit reports and documentation	12/18/04		
3.2.1	Select 50 field sites	8/18/04		
3.2.2	Correlate surface runoff, soil water, and tile drains at each field site	8/18/04		
3.2.3	Develop and obtain Property Access Agreements	8/18/04		
3.2.4	Obtain GPS coordinates and map sample locations for surface runoff, soil water, and tile drains	3/18/05		
3.2.5	Install Lysimeters at each field site	8/18/04		
3.2.6	Conduct Baseline sampling; Minimum 4 samples per field site	3/18/05		
3.2.7	Maintain field logs, Chain of Custody documentation and Site Reconnaissance forms	3/18/05		
3.2.8	Analyze samples using EPA methods 8081A & 8141A	3/18/05		
3.2.9	Analyze laboratory results	4/18/05		
3.2.10	Submit reports and documentation	4/18/05		
3.3.1	Share baseline results with professional/government agencies, and farming community; Consult on BMPs	5/18/05		
3.3.2	Determine BMP for each field site	1/18/07		
3.3.3	Implement BMPs	1/18/07		
3.3.4	Conduct Photomonitoring	1/18/07		
3.3.5	Submit reports and Documenation	3/18/06		
3.4.1	Collect post-BMP samples; Minimum 8 samples per field site	1/18/07		
3.4.2	Maintain field logs, Chain of Custody documentation	1/18/07		
3.4.3	Analyze samples using EPA methods 8081A & 814A	1/18/07		
3.4.4	Analyze laboratory results	1/18/07		
3.4.5	Assess the effectiveness of BMPs by comparing results to baseline conditions	1/18/07		
3.4.6	Share post-BMP results with professional/government agencies, and farming community; Consult on possible improvements	1/18/07		
3.4.7	Submit reports and documentation	1/18/07		
3.5.1	Expand effective BMPs to additional acreage (members of Agricultural Committee)	1/18/07		
3.5.2	Compile BMP material; Provide to crop representatives, Pesticide Control Advisors	1/18/07		
3.5.3	Educational outreach in cooperation with the AWA	1/18/07		
3.5.4	Develop synopsis of study results	1/18/07		

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3.5.5	Distribute synopsis extensively throughout the community	1/18/07
3.5.6	Provide summary materials, presentation, and handouts for further dissemination at seminars and conferences	1/18/07
3.5.7	Plan and implement a series of workshops	1/18/07
3.5.8	Hold quarterly meetings with the Agricultural Committee to present updates of results and receive feedback	1/18/07
3.5.9	Submit reports and documentation	1/18/07

Events

Date:	6/23/06	Comments:
Type:	Status report	The contractor has collected baseline data, conducted numerous educational and waiver meetings, and overseen the implementation of the BMPs. More than 90% of the farmers have cooperated and installed the BMPs.
Subject:	Status	
Status:		
